

Luca Mario Hohmann

M.Sc. in Informatics: Games Engineering



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EDUCATION

M.Sc. Informatics: Games Engineering

🏛 Technical University Munich 📅 Oct 2020 – Feb 2023 📍 Munich, Germany

- Specialization on Information Security and Computer Architecture
- Grade: 1.2
- Main projects: Portation of L4 Microkernel Fiasco.OC, Construction of secure peer to peer network
- Thesis at Fraunhofer AISEC, in area of remote runtime attestation of software

Erasmus Exchange: Informatics

🏛 Aalto University 📅 Sep 2021 – Jun 2022 📍 Espoo, Finland

- Specialization on Information Security and Web Technology
- Main projects: Secure Android smart card reader application, Development of Google Cloud Platform Application

Guest Student Finnish

🏛 Ludwig-Maximilians-University Munich 📅 Oct 2019 – August 2021 📍 Munich, Germany

- Guest student in Finnish language - Finnish 1-4

B.Sc. Informatics: Games Engineering

🏛 Technical University Munich 📅 Oct 2017 – Sep 2020 📍 Munich, Germany

- Final grade: 1.9
- Interest in mobile devices and security as well as data privacy
- Thesis: "Classification of chronic wounds with Machine Learning"

EXPERIENCE

Jr. Software Developer

🏢 Giesecke+Devrient Epayments Oy 📅 May 2023 – current 📍 Helsinki, Finland

- Full stack development of digital payment service
- Design, Implement, Test features in backend, frontend and cloud
- Utilization of reactive Java with Spring Boot, Angular and Azure

Student Assistant for E-Government and Online Platforms

🏢 Chair for Information System, Technical University Munich 📅 Oct 2020 – Sep 2021 📍 Munich, Germany

- Creation of E-Government lecture material
- Designing and testing applicability of Data Mining tools
- Part of digital task force assisting in data transfer of Covid-19 data for Bavarian health authorities

Student Assistant for Augmented Reality and Machine Learning

🏢 Chair for Information System, Technical University Munich 📅 Oct 2018 – Sep 2020 📍 Munich, Germany

- Planning and development of HoloLens application for nurses
- Planning and development of Machine Learning based wound image classifier with Tensorflow

VOLUNTARY EXPERIENCE

Tietokilta committee member

🏢 Aalto University 📅 Jan 22 – now 📍 Espoo, Finland

- Member of 3 committees, organizing events and information campaigns for the guild as well as events for current guild members related to recreational and cultural activities

Exchange student mentor

🏢 Technical University Munich 📅 Jan 19 – Apr 20 📍 Munich, Germany

- Assistance in general and study related questions for incoming students before arrival and during stay at TUM in Munich

SKILLS

- **Programming Languages:** Java + SpringBoot & Reactor, Javascript + Vue/React, Python
- **Computer Science:** Operating Systems (L4-Microkernels), Advanced Computer Networks, Web Technology, Version Control (Git), Open Source
- **Cybersecurity:** Software Attestation, TEEs (AMD-SEV), Security Engineering, Network & mobile Security
- **Soft Skills:** Team Leadership & Management, Project Planning & Management, Feedback Management

CERTIFICATIONS

Azure Fundamentals AZ-900

📅 Microsoft 📅 Issued on August 25, 2023 📍 Helsinki, Finland

- Fundamentals about general functionality and structure of Azure cloud
- <https://learn.microsoft.com/en-us/users/lucahohmann-5110/transcript/d4koqcjym9w5mxq>

Introduction to Cybersecurity

📅 Cisco Networking Academy 📅 Issued on October 11, 2022 📍 Munich, Germany

- Fundamentals course about cybersecurity by Cisco Networking Academy, entry course for Cybersecurity Career Path
- https://www.credly.com/badges/ef6b9be9-e67c-4b72-bd24-12914764c56d/public_url

Networking Devices and Initial Configuration

📅 Cisco Networking Academy 📅 Issued on October 17, 2022 📍 Munich, Germany

- Fundamentals course about networking protocols and how to utilize Cisco's packet tracer utility for future courses
- https://www.credly.com/badges/dcc2f5e7-f967-467b-9b4a-58ecb9351dbd/public_url

EVENT PARTICIPATION AND PROJECTS

DSC Munich Beginner CTF
27-29 Oct 2020 – 15th place
of 77 with 14 out of 20 challenges solved

hackaTUM 2019
22-24 Nov 2019 – Prototype for personalized and AI assisted code feedback suggestions for managers

FreeTubeApp (Co-Lead)
Oct 2020-present, Over 220 commits total to an Open Source desktop YouTube player with over 6000 stars

Security challenges in Industrial Internet Of Things
Paper for the seminar "Industrial Internet", about the importance of security by design for deploying large scale IoT in industrial environments

LANGUAGES

German

Native speaker

English

Fully proficient, C1 level

Finnish

Basic knowledge, A2.2 level

HOBBIES

Biking and biking tours

Cooking

Attending meetups and events

Skiing

Helsinki, October 22, 2023,

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